## Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

Facility Name: The Dodge Company	
165 Cambridgepark Drive, Cambridge, MA 02140	
11. Has the PHA been updated and revalidated by a team every five years after the completion of the initial PHA to assure that the PHA is consistent with the current process? [68.67(f)]	□Y ≉N □ N/A
12. Has the owner or operator retained PHAs and updates or revalidations for each process covered, as well as the resolution of recommendations for the life of the process? [68.67(g)]	□Y ¾N □ N/A
Prevention Program- Operating procedures [68.69]	The state of the s
13. Has the owner or operator developed and implemented written operating procedures that provides instructions or steps for conducting activities associated with each covered process consistent with the safety information? [68.69(a)]	□Y N □ N/A
14. Do the procedures address the following: [68.69(a)]  □ Steps for each operating phase: [68.69(a)(1)]  □ Initial Startup? [68.69(a)(1)(ii)]  □ Normal operations? [68.69(a)(1)(iii)]  □ Temporary operations? [68.69(a)(1)(iii)]  □ Emergency shutdown including the conditions under which emergency shutdown is required, and the assignment of shutdown responsibility to qualified operators to ensure that emergency shutdown is executed in a safe and timely manner? [68.69(a)(1)(iv)]  □ Emergency operations? [68.69(a)(1)(v)]  □ Normal shutdown? [68.68(a)(1)(vi)]  □ Startup following a turnaround, or after emergency shutdown? [68.69(a)(1)(vii)]  □ Operating limits: [68.68(a)(2)]  □ Consequences of deviations [68.69(a)(2)(i)]  □ Steps required to correct or avoid deviation?[68.69(a)(2)(ii)  □ Safety and health considerations: [68.69(a)(3)]  □ Properties of, and physical hazards presented by, the chemicals used in the process[68.69(a)(3)(i)]  □ Precautions necessary to prevent exposure, including engineering controls, administrative controls, and personal protective equipment? [68.69(a)(3)(ii)]  □ Control measures to be taken if physical contact or airborne exposure occurs? [68.69(a)(3)(iii)]  □ Quality control for raw materials and control of hazardous chemical inventory levels? [68.69(a)(3)(iv)]  □ Any special or unique hazards? [68.69(a)(3)(v)]	In Progress  Meter only last two months
Safety systems and their functions? [68.69(a)(4)]  15. Are operating procedures readily accessible to employees who are involved in a process?	□Y ♣N □ N/A
[68.69(b)]	

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16. Has the owner or operator certified annually that the operating procedures are current and accurate and that procedures have been reviewed as often as necessary?[68.69(c)]	ΩΥ	₹N	□ N/A
17. Has the owner or operator developed and implemented safe work practices to provide for the control of hazards during specific operations, such as lockout/tagout? [68.69(d)	= /		□ N/A ument
Prevention Program - Training [68.71]	1.2	7	
18. Has each employee involved in operating a process, and each employee before being involved in operating a newly assigned process, been initially trained in an overview of the process and in the operating procedures?[68.71(a)(1)]	OY	ON	□ N/A
19. Did initial training include emphasis on safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks?  [68.71(a)(1)]	Y / Wo	N · orking	N/A On
20. In lieu of initial training for those employees already involved in operating a process on June 21, 1999, an owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to safely carry out the duties and responsibilities as specified in the operating procedures [68.71(a)(2)]	□Y W	<b>≇</b> N ∕orkin	□ N/A
21. Has refresher training been provided at least every three years, or more often if necessary, to each employee involved in operating a process to assure that the employee understands and adheres to the current operating procedures of the process? [68.71(b)]	ПY	₩N	□ N/A
22. Has owner or operator ascertained and documented in record that each employee involved in operating a process has received and understood the training required? ]	ПY	₹N	□ N/A
23. Does the prepared record contain the identity of the employee, the date of the training, and the means used to verify that the employee understood the training? [68.71(c)]	OY	₹N	□ N/A
Prevention Program - Mechanical Integrity [68.73]			
24. Has the owner or operator established and implemented written procedures to maintain the on-going integrity of the process equipment listed in 68.73(a)? [68.73(b)]	ПY	⊠N	□ N/A
25. Has the owner or operator trained each employee involved in maintaining the on-going integrity of process equipment? [68.73(c)]	QY	₹N	□ N/A
26. Performed inspections and tests on process equipment? [68.73(d)(1)]	ПY		□ N/A Progress

## Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

Facility Name: The Dodge Company 165 Cambridgepark Drive, Cambridge, MA 02140	See ye	-	
27. Followed recognized and generally accepted good engineering practices for inspections and testing procedures? [68.73(d)(2)]	ПY		☐ N/A Progress
28. Ensured the frequency of inspections and tests of process equipment is consistent with applicable manufacturers' recommendations, good engineering practices, and prior operating experience? [68.73(d)(3)]	ПY	₽N	□ N/A
29. Documented each inspection and test that had been performed on process equipment, which identifies the date of the inspection or test, the name of the person who performed the inspection or test, the serial number or other identifier of the equipment on which the inspection or test was performed, a description of the inspection or test performed, and the results of the inspection or test? [68.73(d)(4)]	□Y In	≇N Prog	□ N/A
30. Corrected deficiencies in equipment that were outside acceptable limits defined by the process safety information before further use or in a safe and timely manner when necessary means were taken to assure safe operation? [68.73(e)]	ПY	₹N	□ N/A
31. Assured that equipment as it was fabricated is suitable for the process application for which it will be used in the construction of new plants and equipment? [68.73(f)(1)]	ПY	₽N	□ N/A
32. Performed appropriate checks and inspections to assure that equipment was installed properly and consistent with design specifications and the manufacturer's instructions? [68.73(f)(2)]	ПY	₽N	□ N/A
33. Assured that maintenance materials, spare parts and equipment were suitable for the process application for which they would be used? [68.73(f)(3)]	ПY	ΠN	□ N/A
Prevention Program - Management Of Change [68.75]			
34. Has the owner or operator established and implemented written procedures to manage changes to process chemicals, technology, equipment, and procedures, and changes to stationary sources that affect a covered process? [68.75(a)]	□Y	₽N	□ N/A
35. Do procedures assure that the following considerations are addressed prior to any change:  [68.75(b)]  ☐ The technical basis for the proposed change? [68.75(b)(1)]  ☐ Impact of change on safety and health? [68.75(b)(2)]  ☐ Modifications to operating procedures? [68.75(b)(3)]  ☐ Necessary time period for the change? [68.75(b)(4)]  ☐ Authorization requirements for the proposed change? [68.75(b)(5)]	□Y	≇N n Prog	□ N/A
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# Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

Facility Name: The Dodge Company			- 1
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36. Were employees, involved in operating a process and maintenance, and contract employees, whose job tasks would be affected by a change in the process, informed of, and trained in, the change prior to start-up of the process or affected parts of the process? [68.75(c)]	ПY	₽N	□ N/A
37. If a change resulted in a change in the process safety information, was such information updated accordingly? [68.75(d)]	ПY	₩N	□ N/A
38. If a change resulted in a change in the operating procedures or practices, had such procedures or practices been updated accordingly? [68.75(e)]	ПY	₩N	□ N/A
Prevention Program - Pre-startup Safety Review [68.77]	Q\$1.72.1		n.
39. Did the pre-startup safety review confirm that prior to the introduction of a regulated substance to a process: [68.77(b)]  ☐ Construction and equipment was in accordance with design specifications? [68.77(b)(1)] ☐ Safety, operating, maintenance, and emergency procedures were in place and were adequate? [68.77(b)(2)] ☐ For new stationary sources, a process hazard analysis had been performed and recommendations had been resolved or implemented before startup? [68.77(b)(3)] ☐ Modified stationary sources meet the requirements contained in management of change? [68.77(b)(3)] ☐ Training of each employee involved in operating a process had been completed? [68.77(b)(4)]	OY	₩N	□ N/A
Prevention Program - Compliance audits [68.79]			
1. Has the owner or operator certified that the stationary source has evaluated compliance with the provisions of the prevention program at least every three years to verify that the developed procedures and practices are adequate and being followed? [68.79(a)]	□Y Wo		□ N/A  on this
2. Has the audit been conducted by at least one person knowledgeable in the process? [68.79(b)]	ПY	₩N	□ N/A
3. Are the audit findings documented in a report? [68.79(c)]	□Y	₹N	□ N/A
4. Has the owner or operator promptly determined and documented an appropriate response to each of the findings of the audit and documented that deficiencies had been corrected?  [68.79(d)]	ΟY	₽N	□ N/A
5. Has the owner or operator retained the two most recent compliance reports? [68.79(e)]	ΠY	₽N	□ N/A
Prevention Program - Incident investigation [68.81]			
1. Has the owner or operator investigated each incident which resulted in, or could reasonably have resulted in a catastrophic release of a regulated substance? [68.81(a)]	ПY	□N	₩ N/A
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## Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

acili	ty Name: The Dodge Company			4
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2.	Were all incident investigations initiated not later than 48 hours following the incident? [68.81(b)]	ПY	ON	₩ N/A
3.	Was an accident investigation team established and did it consist of at least one person knowledgeable in the process involved, including a contract employee if the incident involved work of a contractor, and other persons with appropriate knowledge and experience to thoroughly investigate and analyze the incident? [68.81(c)]	ΩΥ	□N	₩ N/A
4.	Was a report prepared at the conclusion of every investigation?[68.81(d)]	□Y	□N	₩ N/A
5.	Does every report include: [68.81(d)]  Date of incident? [68.81(d)(1)]  Date investigation began? [68.81(d)(2)]  A description of the incident? [68.81(d)(3)]  The factors that contributed to the incident? [68.81(d)(4)]  Any recommendations resulting from the investigation? [68.81(d)(5)]	ПY	ON	₩ N/A
6.	Has the owner or operator established a system to address and resolve the report findings and recommendations, and are the resolutions and corrective actions documented?  [68.81(e)]	ПY	□N	□ N/A
7.	Was the report reviewed with all affected personnel whose job tasks are relevant to the incident findings including contract employees where applicable? [68.81(f)]	□Y	□N	□ N/A
8.	Has the owner or operator retained the incident investigation reports for five years? [68.81(g)]	ПY	□N	□ N/A
Se	ction D - Employee Participation [68.83] Employees all non-union			
1.	Has the owner or operator developed a written plan of action regarding the implementation of the employee participation required by this section?[68.83(a)]	₩Y	□N	□ N/A
2.	Has the owner or operator consulted with employees and their representatives on the conduct and development of process hazards analyses and on the development of the other elements of process safety management in chemical accident prevention provisions?  [68.83(b)]	□Y I	<b>⊉</b> N in pro	□ N/A gress
3.	Has the owner or operator provided to employees and their representatives access to process hazards analyses and to all other information required to be developed under the chemical accident prevention rule? [68.83(c)]	ΩY	₩N	□ N/A
Se	ction E - Hot Work Permit [68.85]	111 32	mbor	el I

## Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

Facil	ty Name: The Dodge Company			
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1.	Has the owner or operator issued a hot work permit for each hot work operation conducted on or near a covered process? [68.85(a)]	□Y	₹N	□ N/A
2.	Does the permit document that the fire prevention and protection requirements in 29CFR 1910.252(a) have been implemented prior to beginning the hot work operations? [68.85(b)]		X N n Pro	
3.	Does the permit indicate the date(s) authorized for hot work and the object(s) upon which hot work is to be performed? [68.85(b]	ПY	₩N	□ N/A
4.	Are the permits being kept on file until completion of the hot work operations? [68.85(b)]	ПY	₩N	□ N/A
Se	ction F - Contractors [68.87]		375	
1.	Has the owner or operator obtained and evaluated information regarding the contract owner or operator's safety performance and programs when selecting a contractor? [68.87(b)(1)]	ПY	₩N	□ N/A
2.	Informed contract owner or operator of the known potential fire, explosion, or toxic release hazards related to the contractor's work and the process? [68.87(b)(2)]	ПY	₽N	□ N/A
3.	Explained to the contract owner or operator the applicable provisions of the emergency response or the emergency action program? [68.87(b)(3)]	□Y	₩N	□ N/A
4.	Developed and implemented safe work practices consistent with §68.69(d), to control the entrance, presence, and exit of the contract owner or operator and contract employees in the covered process areas? [68.87(b)(4)]	□Y In	₩N Prog	
Se	ction G - Emergency Response [68.90 - 68.95]		VI SHILE	
	eveloped and implemented an emergency response program as provided in 40 CFR 68.90-68.95   S	?	2-11	
1.	An emergency response plan which is maintained at the stationary source and contains the following? [68.95(a)(1)]  a. Procedures for informing the public and local emergency response agencies about accidental releases? [68.95(a)(1)(i)]  b. Documentation of proper first-aid and emergency medical treatment necessary to treat accidental human exposures? [68.95(a)(1)(ii)]  c. Procedures and measures for emergency response after an accidental release of a regulated substance? [68.95(a)(1)(iii)]		Y N	□ N/A
2.	Procedures for the use of emergency response equipment and for its inspection, testing, and maintenance? [68.95(a)(2)]	ПY	□N	□ N/A

## Dodge's Response to Program 3 Process Checklist Questions (Questions asked by EPA Orally on January 8, 2010)

Facil	ity Name: The Dodge Company			
	165 Cambridgepark Drive, Cambridge, MA 02140			
3.	Training for all employees in relevant procedures? [68.95(a)(3)]	□Y	□N	□ N/A
4.	Procedures to review and update, as appropriate, the emergency response plan to reflect changes at the stationary source and ensure that employees are informed of changes? [68.95(a)(4)]	ПY	□N	□ N/A
5.	Did the owner or operator use a written plan that complies with other Federal contingency plan regulations or is consistent with the approach in the National Response Team's Integrated Contingency Plan Guidance ("One Plan")? If so, does the plan include the elements provided in paragraph (a) of 68.95, and also complies with paragraph (c) of 68.95? [68.95(b)]	ПY	□N	□ N/A
6.	Has the emergency response plan been coordinated with the community emergency response plan developed under EPCRA? [68.95(c)]	ΟY	□N	□ N/A

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#### Office of Enforcement and Compliance Assurance

### **INFORMATION SHEET**

#### U. S. EPA Small Business Resources

f you own a small business, the United States Environmental Protection Agency (EPA) offers a variety of compliance assistance resources such as workshops, training sessions, hotlines, websites, and guides to assist you in complying with federal and state environmental laws. These resources can help you understand your environmental obligations, improve compliance, and find cost-effective ways to comply through the use of pollution prevention and other innovative technologies.

#### **Compliance Assistance Centers**

(www.assistancecenters.net)

In partnership with industry, universities, and other federal and state agencies, EPA has established Compliance Assistance Centers that provide information targeted to industries with many small businesses.

Agriculture

(www.epa.gov/agriculture or 1-888-663-2155)

Automotive Recycling Industry (www.ecarcenter.org)

Automotive Service and Repair (www.ccar-greenlink.org or 1-888-GRN-LINK)

Chemical Industry (www.chemalliance.org)

Construction Industry (www.cicacenter.org or 1-734-995-4911)

Education (www.campuserc.org)

Healthcare Industry (www.hercenter.org or 1-734-995-4911)

Metal Finishing (www.nmfrc.org or 1-734-995-4911)

Paints and Coatings (www.paintcenter.org or 1-734-995-4911)

Printed Wiring Board Manufacturing (www.pwbrc.org or 1-734-995-4911)

Printing (www.pneac.org or 1-888-USPNEAC)

Transportation Industry (www.transource.org)

Tribal Governments and Indian Country (www.epa.gov/tribal/compliance or 202–564-2516)

US Border Environmental Issues (www.bordercenter.org or 1-734-995-4911)

The Centers also provide State Resource Locators (www.envcap.org/statetools/index.cfm) for a wide range of topics to help you find important environmental compliance information specific to your state.

#### **EPA Websites**

EPA has several Internet sites that provide useful compliance assistance information and materials for small businesses. If you don't have access to the Internet at your business, many public libraries provide access to the Internet at minimal or no cost.

EPA's Home Page www.epa.gov

Small Business Gateway www.epa.gov/smallbusiness

Compliance Assistance Home Page www.epa.gov/compliance/assistance

Office of Enforcement and Compliance Assurance www.epa.gov/compliance

Voluntary Partnership Programs www.epa.gov/partners

Office of Enforcement and Compliance Assurance: http://www.epa.gov/compliance

#### U.S. EPA SMALL BUSINESS RESOURCES

#### Hotlines, Helplines & Clearinghouses

(www.epa.gov/epahome/hotline.htm)

EPA sponsors many free hotlines and clearinghouses that provide convenient assistance regarding environmental requirements. A few examples are listed below:

Clean Air Technology Center (www.epa.gov/ttn/catc or 1-919-541-0800)

Emergency Planning and Community Right-To-Know Act (www.epa.gov/superfund/resources/infocenter/epcra.htm or 1-800-424-9346)

EPA's Small Business Ombudsman Hotline provides regulatory and technical assistance information. (www.epa.gov/sbo or 1-800-368-5888)

The National Environmental Compliance Assistance Clearinghouse provides quick access to compliance assistance tools, contacts, and planned activities from the U.S. EPA, states, and other compliance assistance providers (www.epa.gov/clearinghouse)

National Response Center to report oil and hazardous substance spills. (www.nrc.uscg.mil or 1-800-424-8802)

Pollution Prevention Information Clearinghouse (www.epa.gov/opptintr/ppic or 1-202-566-0799)

Safe Drinking Water Hotline (www.epa.gov/safewater/hotline/index.html or 1-800-426-4791)

Stratospheric Ozone Refrigerants Information (www.epa.gov/ozone or 1-800-296-1996)

Toxics Assistance Information Service also includes asbestos inquiries. (1-202-554-1404)

Wetlands Helpline (www.epa.gov/owow/wetlands/wetline.html or 1-800-832-7828)

#### State Agencies

Many state agencies have established compliance assistance programs that provide on-site and other types of assistance. Contact your local state environmental agency for more information or the following two resources:

EPA's Small Business Ombudsman (www.epa.gov/sbo or 1-800-368-5888)

Small Business Environmental Homepage (www.smallbiz-enviroweb.org or 1-724-452-4722)

#### **Compliance Incentives**

EPA provides incentives for environmental compliance. By participating in compliance assistance programs or voluntarily disclosing and promptly correcting violations before an enforcement action has been initiated,

businesses may be eligible for penalty waivers or reductions. EPA has two policies that potentially apply to small businesses:

The Small Business Compliance Policy (www.epa.gov/compliance/incentives/smallbusiness)

**Audit Policy** 

(www.epa.gov/compliance/incentives/auditing)

## Commenting on Federal Enforcement Actions and Compliance Activities

The Small Business Regulatory Enforcement Fairness Act (SBREFA) established an SBA Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. If you believe that you fall within the Small Business Administration's definition of a small business (based on your North American Industry Classification System (NAICS) designation, number of employees, or annual receipts, defined at 13 C.F.R. 121.201; in most cases, this means a business with 500 or fewer employees), and wish to comment on federal enforcement and compliance activities, call the SBREFA Ombudsman's toll-free number at 1-888-REG-FAIR (1-888-734-3247).

Every small business that is the subject of an enforcement or compliance action is entitled to comment on the Agency's actions without fear of retaliation. EPA employees are prohibited from using enforcement or any other means of retaliation against any member of the regulated community in response to comments made under SBREFA.

#### Your Duty to Comply

If you receive compliance assistance or submit comments to the SBREFA Ombudsman or Regional Fairness Boards, you still have the duty to comply with the law, including providing timely responses to EPA information requests, administrative or civil complaints, other enforcement actions or communications. The assistance information and comment processes do not give you any new rights or defenses in any enforcement action. These processes also do not affect EPA's obligation to protect public health or the environment under any of the environmental statutes it enforces, including the right to take emergency remedial or emergency response actions when appropriate. Those decisions will be based on the facts in each situation. The SBREFA Ombudsman and Fairness Boards do not participate in resolving EPA's enforcement actions. Also, remember that to preserve your rights, you need to comply with all rules governing the enforcement process.

EPA is disseminating this information to you without making a determination that your business or organization is a small business as defined by Section 222 of the Small Business Regulatory Enforcement Fairness Act or related provisions.